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MARTION, R. Kh

Los Jours

Med Too mareisology - Parasible Mormo.

: Ref Thur - Biol., No 5, 1958, 19617

..... Ciantov, R. A SS

C to e : Spinousoff of Anopinemballobouts in Cheep of the

July pap : Wouchn. or. Wab. s.-lth. ir-t, 1956, 10, 91-99

Abstract : Do abstract.

Jack 1/1

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721710007-6"

Abs Jour

: Ref Zhur - Biologiya, No 22, 1958, No 99601

Author

: Khaitov, R.Kh.

Inst

: Uzbek Agricultural Institute.

Title

: Seasonal Dynamics of Oribatei Mites in the Narpayrkiy Rayon of the Samarkandskaya Oblast.

Orig Pub

: Nauchn.tr.Uzb.s.-kh.in-t, 1956,10,101-106.

Abstract

Investigations were carried out on 4 types of pastures. Two distant pasture types - steppe and foothills zones where cattle spend the spring and the summer season, and the pasture of the fall-winter period - areas requiring irrigation, so-called "kurugi" and sugar beet fields, exploited following the harvest. The mininal density of population of Oribatei mites for all types of pastures is noted in January and July. The greatest number of populations occurs on irrigated lands and in the foothill

Card 1/2

Systematic worming of sheep to control monieziasis. Izv. AN Uz. SSR no. 10:87-91 '56. (Sheep-Diseases and pests) (Tapeworms) (MIRA 14:5)

ACC NR.AP7006269

SOURCE CODE: UR/0425/66/009/012/0032/0036

AUTHOR: Giller, Yu. Ye.; Khaitova, L. T.

ORG: Institute of Plant Physiology and Biophysics, AN TadzSSR (Institut fiziologii i biofiziki rasteniy AN TadzSSR) TITLE:

Optical properties of a synthetic pigment-lipoprotein complex SOURCE:

AN TadzhSSR. Doklady, v. 9, no. 12, 1966, 32-36

TOPIC TAGS: photosynthesis, photosynthesis pigment, chlorophyll, carotene, lipid, protein, synthetic photosynthesis complex, pigment

ABSTRACT: The results are reported of a study of the spectral properties of a synthetic complex of pigments which perform photosynthesis in plants (chlorophylls a and/or b, carotene) with mill protein. Thus, this artificial system was similar in composition to natural chloroplast pigment-protein-lipid complexes. The preparation of the complex is described in the article by Sapozhnikov, D. I., D. Tolibekov and Yu. Ye. Giller (AN TadzSSR, Izv., Otd. Biologicheskikh nauk. No. 2(23), (1966), 48). Chromatographically purified pigments of spectroscopic purity grade and acetone extracts of

UDC: none

ACC NRIAP7006269 CIA-RDP86-00513R000721710007-6

reflection, and fluorescent spectra were recorded and studied. The results obtained were compared with the spectra of the live Tradescantia leaves or absorption spectra of the pigments in acetone solution. dependence of the position of the spectral maxima and minima on the pigment concentration was determined. The results obtained, i.e., the fluorescent spectra toward the red end indicate that the spectral properties of the synthetic complex are similar to those of the live green leaves. With respect to numerical values of the ratios of the intensities of the long-wave and the short wave maxima in the fluorescent spectra, the synthetic complexes stand between the chlorophyll solutions and live green leaves. The alternative increase and decrease the intensity of the short-wave maximum in the fluorescent spectra which take place with a decrease in concentration indicate that an The alternative increase and decrease aggregate form of chlorophyll is present in the complex together with the monomer form: the above-mentioned fluctuations in the intensity are caused by the readsorption phenomenon and by the fluctuating in the concentration of the fluorescent monomer form. The red shift in the spectra of the complex is analogous to that of chlorophyll adsorbed on

Card 2/3

KHAIUTIN, S.M., prof.; REMIZOV, M.S., k.m.n.

Clinical picture and treatment of tuberculous diseases of the uveal tract. Khirurgiia 16 no.1:117-122 '63.

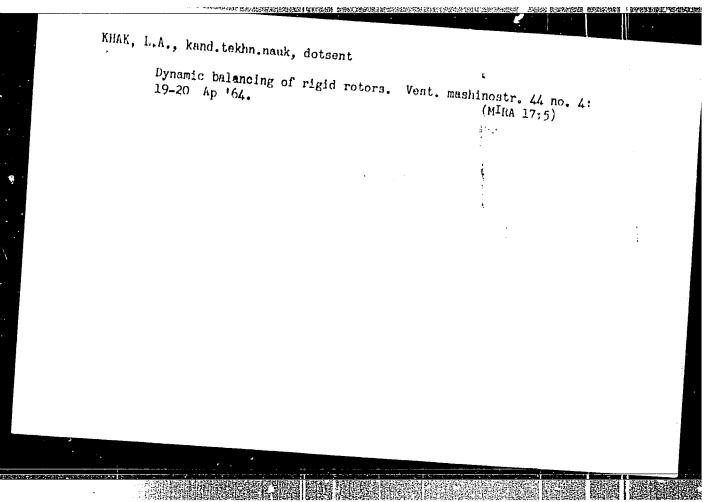
(TUBERCULOSIS OCULAR) (UREA)

KHAK, L., kand. tekhn. nauk; YATSENKO, V., kand. tekhn. nauk, starshiy nauchnyy sotrudnik

Measuring the stress acting on the shaft line thrust bearing during ship operations. Mor. flot 22 no.10:25-28 0 62. (MIRA 15:10)

1. Zaveduyushchiy kafedroy Dal'nevostochnogo politekhnicheskogo instituta imeni Kuybysheva (for Khak). 2. Odesskiy institut inzhenerov morskogo flota (for Yatsenko).

(Shafting) (Strains and stresses)



APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721710007-6"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721710007-6 EXPENSE ENGINEERS STEELS STEEL STEEL

KHAKALO, B. P.

"Methods of Designing Structural Constructions by Taking Account of the Elastic Pliability of the Supports." Acad Architecture Ukrainian SSR, Kiev, 1955 (Dissertation for the Degree of Candidate of Technical Sciences)

SO: Knizhnava Letopis', No. 32, 6 Aug 55

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721710007-6"

KHAKALO, B.P. kandidat tekhnicheskikh nauk.

Calculating girders on elastic supports by the method of gradual approximation. Nov. v stroi. tekh. no.7:145-164

1. Nauchno-issledovatel'skiy institut stroitel'noy tekhniki

Akademii arkhitektury Ukrainskoy SSR.

(Girders)

KHAKALO B. P.

SOSIS, P.M.; KHAKAIO, B.P.; DANILKINA, N., red.; IOAKIMIS, A., tekhn.red.

[Calculation of continuous and crossed girders] Raschet neragregnyth i perekrestnykh balok. Kiev, Gos.izd-vo lit-ry po stroit. i arkhit. USSR, 1958. 161 p.
(Girders) (MIRA 11:6)

KHAKBERDYYEV, M., Cand Med Sci (diss) -- "The excretion of complete typhoid-fever antigen by the kidneys of dogs with changed and unchanged immunological reactivity". Samarkand, 1957. 12 pp (Second Moscow State Med Inst im N. I. Pirogov), 200 copies (KL, No 10, 1960, 137)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721710007-6"

KHAKBERDYYEV, M.

The state of the s

Renal excretion of the typhoid fever antigen during immunization in dogs [with summary in English]. Biul.eksp.biol. i med 45 no.4:91-95 Ap | 58 (MIRA 11:5)

l. Iz kafedry patologicheskoy fiziologii (nauchnyy rukovoditelichlen-korrespondent AN SSSR A.D. Ado) II Gosudarstvennogo medtitsinskogo instituta (dir. - prof. O.V. Kerbikov), Moskva. Predstavlena deystvitelinym chlenom AMN SSSR L.A. Ziliberom. (TYPHOID FEVER, immunology renal excretion of typhoid fever antigen during immunin dogs (Rus))

WENDITE M. M. M.

ADO, A.D. (Moskva); POL'NER, A.A. (Moskva); KHAKBERDYYEV, M.M. (Moskva)

Renal excretion of large molecules. Usp. sovr. biol. 43 no.1:70-81 (KIDNEYS) (MACRONOLECULAR COMPOUNDS) (MIRA 10:5)

APPROVED FOR RELEASE .. 09/17/2001 CIA-RDP86-00513R000721710007-6"

Anaphylactogenic properties of couten pollen. Nauch, trudy SauMi 21:131-136 162. (MIRA 17:5)

1. In kafedry patologicheskoy ficiologii Mamerkariskogo mediteinskogo instituta imeni Pavlova i il kafedry patologicheskoy Fiziologii 2-go Hoskovskogo meditatnokogo hacabana.

ASLIDDINOV, F.A., kand.med.mauk; RAKHIMOVA, M.K., dotsent; KHAKHERDYYEV, M.K.,

Effect of lagochilin ester on the development and course of anaphylactic shock. Nauch. trudy SamMI 21:152-154 *62. (MIRA 17:5)

1. Iz kafedry normal'noy fiziologii Samarkandakogo meditsinskogo

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721710007-6"

KHAKEKRDYYEV, M.M., kand. med. nauk

Frequency of allergic diseases in the therapeutic clinics of the Samarkand Medical Institute. Nauch. trudy SamMI 23: (MIRA 17:3) 77-81 *63

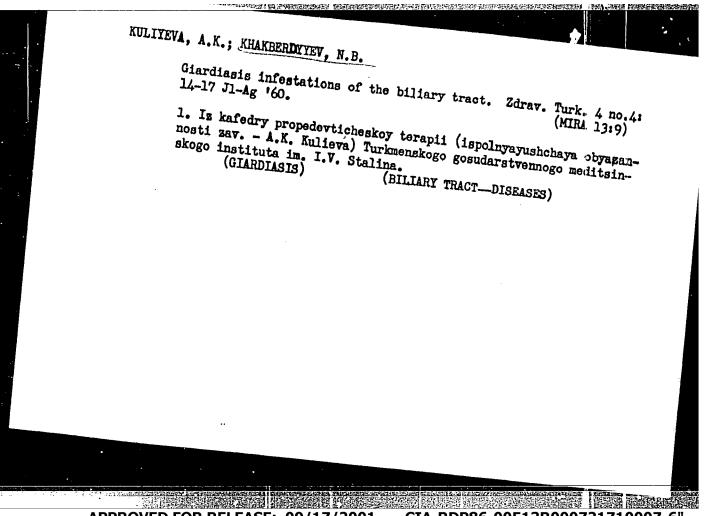
1. Iz kafedry patofiziologii Samarkandskogo meditsinskogo instituta i iz Nauchno-issledovatel*skoy allergologleheskoy laboratorii AMN SSSR.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721710007-6"

KHAKBERDYYEV, N. B.: "On the problem of changes in the blood in Botkin's disease".

Ashkhabad, 1955. Turkmen Medical Inst imeni I. V. Stalin. (Dissertation for the Degree of Candidate of Science of Medical Sciences)

SO: Knizhnaya Letopis', No. 41, 8 Oct 55



CIA-RDP86-00513R000721710007-6" APPROVED FOR RELEASE: 09/17/2001

CHIEF THE STREET WHITE THE STREET STREET STREET STREET KULIYEVA, A.K., kand.med.nauk; KHAKBERDYYEV, N.B., kand.med.nauk Chronic cholecystitis. Zdrav. Turk. 5 no.2:38-40 Mr-Ap 161. (MIRA 14:5)

1. Iz kafedry propedevticheskov terapii (ispolnyayushchiy obyazannosti zaveduyushchego A.K. Kuliyeva) Turkmenskogo gosudarstvennogo meditzaveduyushchego instituta.imeni I.V. Stalina.

Sinskogo instituta. EILARY TRACT—DISEASES) (MIRA 14:5) APPROVED FOR DE

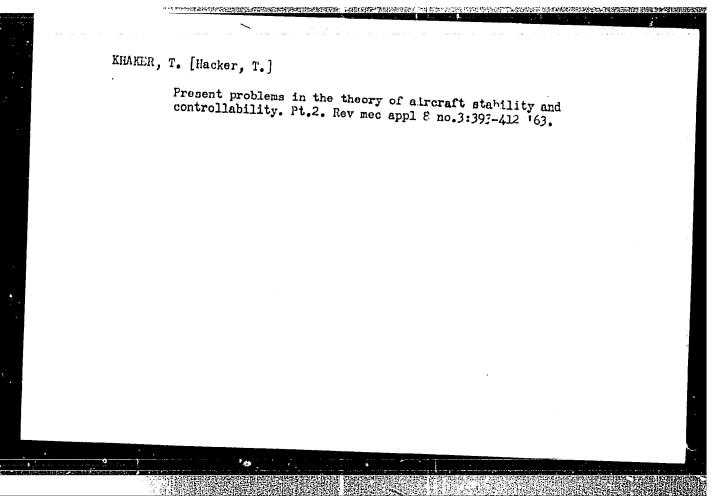
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NHAKER, T. Dissertation: "On the Longitudinal stability of an Unsteady action of an Alreiane. Cand Tech uci, Loscow order of Lenin Aviation Institute ident Jergo Ordinonikidae, Cand Tech uci, Loscow order of Lenin Aviation 18 Jun 547 28 Jun 54. (Vechernyaya Loskva, Loscow, 18 Jun 547	
28 Jun 54. (5.5) 30: July 313, 23 Dec 1954	
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AUTHOR: Khak	er, T.		
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		Furnitory. Fucharest, 3-5 De	icembur 1962_/
SOURCE: Revu	e de mecanique appliques, v	7. 8, no. 2, 1963, 193-216	
POPIC TACS:	flight dynamics, stability effect, programmed automat	theory, turbulent motion, automotion dilot, computer	matic pilot,
crait are non- construction and the ampli-	died. These are: the theor of new mathematical models cation of computing machine	scussed when stability and corry of controllable movements, trepresenting fundamentals of is in the stability theory. The	he need for light dynamics,
ects are disciplinated at the second section of the second section of the second section of the	cussed by the author on the partially controllable move	basis of extensive literature ments can be represented by the athematical model is represent	references.
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ACCESSION TR. AP3001843

of a dynamic system may be analyzed when it is partially controlled in its uniform or unstable movements. Another model may be constructed for an aircraft having an automatic pilot, i.e., an automatic stabilizer acting with the aircraft as a single dynamic system. There are here three types of actual problems to be dealt with. One type of problem occurs in nonlinear models. Here the absolute stability must be determined, which does not present particular difficulties. The other type of problem is that having to do with the effect of delays on arroraft stability. There are two solutions possible here: one is the solution to the first degree of approximation with reference to the delay; in the other solution recourse must be made to the operational technique applicable only to linear automatic systems. The third type of problem are those which are connected with programmed automatic piloting and optimul control. These may best be solved using the dynamic programming method developed by Beilman in the United States and the principle of maximum, the optimum principle, developed by L. S. Pontryagin in USSR. This very complex problem of stability and control of aircraft can be greatly helped in its solution by employing modern electronic computing machines. The modern computing methods are well developed and do not pose particular difficulties. Great assistance is derived from use of the Laplace transforms and the Routh-Hurwitz theory. These alon extension of solutions to problems beyond those where only linear equations with constant

Card 2/3



SHKURSKIY, Yu.P., inzh.; KHAKHALESHVILI, G.I.

New double-deck passenger car. Zhel. dor. transp. 46 no.8:82-83 Ag '64. (MIRA 17:11)

1. Zamestitel' nachal'nika vagonnoy sluzhby Yuzhnoy dorogi (for Khakhaleshvili).

GOL'DIS, L.S.; KHAKHALEV, E.I.

THE REPORT OF THE PROPERTY OF

Effectiveness of polyglucin in the treatment of shock. Problemat. i perel. krovi 4 no. 10:57-59 0 159. (MIRA 13:8)

ZEMSKOV, I.; KHAKHALEY, S., ingh.

United efforts. Pozh.delo 6 no.2:11 F '60. (MIRA 13:5)

1. Nachal'nik pozharno-vakterskoy okurany, Borovichi, Novgorodskaya oblast' (for Zemskov). 2. Nachal'nik Borovol'noy pozharnoy druzhiny Borovichi, Novgorodskaya oblast' (for Khakhaley).

(Novgorod Province--Factories--Fires and fire prevention)

OTELIN, A.A., prof.; KHAKHALEV, E.I., aspiran.

Method of hydraulic preparation of puripheral nerves. Sbor.

trud. Kursk. gos. mod. inst. no.16:1:2-124 '62.

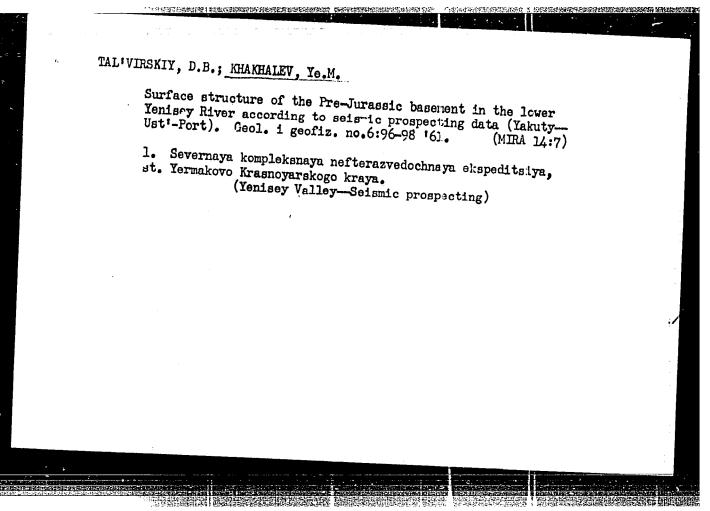
1. Iz kafedry normal'noy anatomii (zav. - prof. A.A. Atelin)

Kurskogo meditsinskogo instituta.

SUSHKOV, Yu.N., assistent; KHAKHALEV, E.I., aspirant; OTELIN, V.A., student VI kursa

Method of the decalcification of the bony tissue. Sbor. trud. Kursk. gos. med. inst. no.16:129-131 '62. (MIRA 17:9)

1. Iz kafedry normal'noy anatomii (zav. - prof. A.A. Otelin) Kurskogo meditsinskogo instituta.



KHAKHALEVA, O. V.

"Data on the Problem of Changes in the Bone Marrow During Cancer." Cand Med Sci, Stalingrad State Medical Inst, Stalingrad, 1953. (FZhBiol, No 8, Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher SO: Sum. No. 556, 24 Jun 55

KHAKHALEVA, O.V.

Malignization of a teratoma on the anterior mediastinum. Vop. onk. 2 no.1:97-100 *56, (MLRA 9:4)

1. Iz kafedry patologicheskoy anatomii Stalingradskogo meditsinskogo instituta (zav. kafedroy-prof. V.I. Vitushinskiy)
(MEDIASTINUM, neoplasms

teratoma, malignization)

(TERATOMA

mediastinum, malignization)

USSR/General Problems of pathology 17/200 fompocining DR86-Q9513R000721310007-6"

Abs Jour

: Ref Zhur - Biol., No 16, 1958, 75547

Author

: Khakhaleva, O.V.

Inst

+----

Title

: Primary Sarcoma of the Heart.

Orig Pub

: Vopr. onkologii, 1956, 2, No 5, 601-603

Abstract

: A case of total sarcomatose involvement of the heart of a male 25 years old is reported. Clinical and pathoanatomical data is cited. In the total course of disease no signs of heart involvement were noted.

IVANOVA, G.A., starshiy mauchnyy sotrudnik; KHAKHINA, L.P., starshiy nauchnyy sotrudnik; CHINEMOVA, E.G., starshiy nauchnyy sotrudnik; FETKEVICH, V.P., starshiy nauchnyy sotrudnik; IVEVLEVA, I.A., mladshiy nauchnyy sotrudnik; MINKVITS, M.L., mladshiy nauchnyy sotrudnik

Industrial production of dried meat, a semiprocessed product for food concentrates. Trudy VNIIKOP no.10:109-115 159.

(Meat, Dried) (Food, Concentrated)

KHAKHALIM, Nikolay Samsonovich; ARSHINOV, I.M., inzhener, redaktor; VERIMA. G.P., tekhnicheskiy redaktor

[Manual for railroad car inspectors and train masters] Sprayochnik osmotrshchiku vagonov i poezdnomu vagonnomu masteru. Moskva, Gos. transp. shel-dor.izd-vo, 1955. 287 p. (MIRA 9:3)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721710007-6"

UTHORS: Khakhalin, B.D. (Candidate of Technical Sciences), and Smolyakov, A.N. (Engineer). ITLE: 130-3-13/22

Centrifugal Casting of 50-mm Cast Iron Rising Pipes (Tsentrobezhnaya otlivka 50-mm chugunnykh napornykh trub).

ERIODICAL:

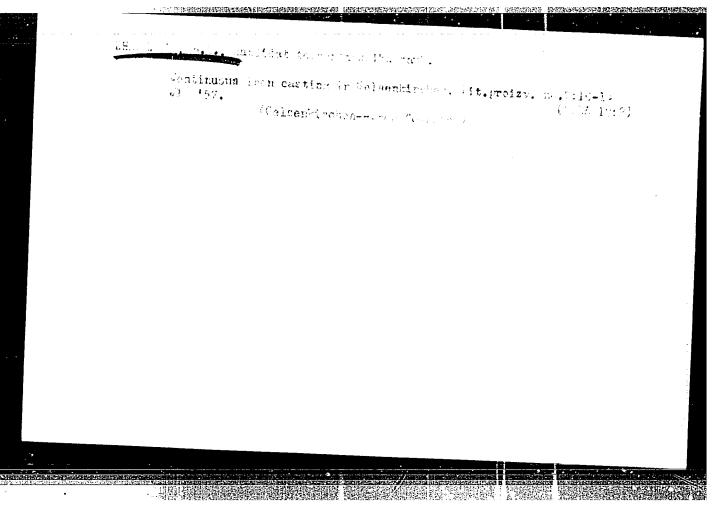
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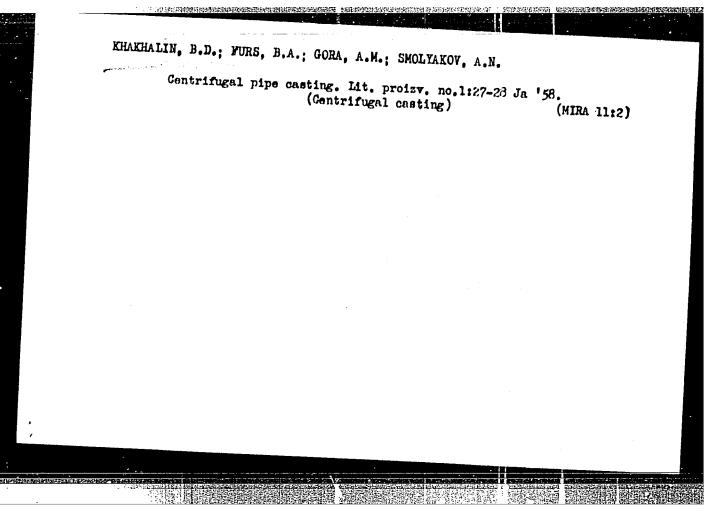
"Metallurg" (Metallurgist), 1957, No.3, pp.25-27 (U.S.S.R.). BSTRACT:

Workers of the All-Union Tube Research Institute together with the Makeevskiy Tube-Casting Works have developed a centrifugal system of casting 50-mm cast-iron water-conduit tubes. The special features of this method are: 1) a very low proportion of metal waste, because of the low proportion of rejects and metal losses in casting; 2) good mechanical properties of the tubes, absence of decarburization and elimination of the need for subsequent heat-treatment; 3) low consumption of mould mixture in connection with the small dimensions of the tubes, and possibility of avoiding the use of expensive and quickly wearing dyes; 4) comparatively simple construction of the centrifugal casting machine, enabling its operation to be fully automated. A type MM-50/4 centrifugal casting machine was used. The mould mixture is fed in with the mould in the vertical position, centering being carried out afterwards. In continuous operation the mould is automatically rolled into the machine, brought into rotation and manually filled with a measured quantity of liquid cast iron. To ensure that the metal quickly distributes itself over the

Card 1/2

whole mould the machine is inclined at 1.50 to the floor. The experience at the Makeevskiy Works was taken into account





KHAKMALIN, B.D., kand.tekhn.nauk; BEZVERKHIY, P.A., kand.tekhn.nauk;

TREGUEDOV, A.V., inzh.

Parameters of liquid cast-iron feed in grooves for centrifugal pipe casting. Biul.nauch.-tekh.inform.vNITI no.4/5:113-125 '58.

(Pipe, Cast iron) (Founding)

(MIRA 15:1)

AUTHORS: Konstantinov, L.S. and Khakhalin, B.D., Candidates of

Technical Sciences and Smolyakov, A.N., Engineer TITLE:

Centrifugal Casting of Cast-iron Tubes in the Chinese People's Republic (Tsentrobezhnaya otlivka chugunnykh trub v Kitayskoy Narodnoy Respublike)

PERIODICAL:

Metallurg, 1958, Nr 9, pp 38 - 39 (USSR) ABSTRACT:

In the tube mill of the An'shan Metallurgical Combine, cast-iron water pipes 200-600 mm in diameter are cast

centrifugally. The moulds are made on a special installation (Figure 1). Separate machines are used for casting pipes 200 and 250 mm in diameter (Figure 2) and those 300-600 mm in diameter (Figure 3). The authors outline the practice and tabulate the durations of the operations for pipes of various diameters. The inner surface of the pipes is cleaned with an emery wheel.
There are 4 figures and 1 table.

Card 1/1 1. Pipes--Casting 2. Cast iron--Applications 3. Centrifuges

USCOM#-DC-55789

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721710007-6"

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Card 1/2

18(5) SOV/128-59-6-12/25 AUTHOR: Khakhalin, B.D., Candidate of Technical Sciences, Smolyakov, A.N., and Iskra, B.A., Engineers TITLE: On the Question of Unequal Wall Thickness of Centri-PERIODICAL: Liteynoye Proizvodstvo, 1959, Nr 6, pp35 - 37 (USSR) ABSTRACT: Presently, two basic pouring methods (for centrifugal casting of coat iron water pipes) are used: sand molds and chilled metal dies. When pouring metal dies, the walls of the pipes differ in their thickness, those differences being greater than when pouring in sand molds. Probably this has been generated either by the imperfect casting method or by the imperfection of the pipe spinning machine. The author made one experiment to cast pipes of 300 mm in diameter on a pipe spinning machine type NIILITMAsh, 5.430 mm model, to determine the influence of the technological and the constructive

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factors on the thickness of the walls of the pipes. A

typical result of the 37 tests made was that the

THE HISTORICAL PROPERTY OF THE PROPERTY OF THE

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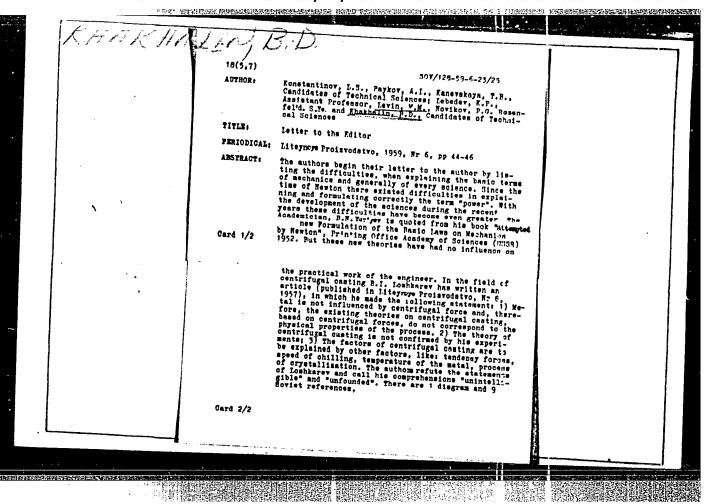
On the Question of Unequal Wall Thickness of Centric ally Cast Pipes

thickness of the walls was thinner at the funnel-shaped openings and at the smooth ends of the ripes, then at the center or half-length. Three tables list the results gained on various wall thickness. These results are to be explained by the difference in speed of the rotations, by the difference in spreading the liquid metal, and by the irregular flow of the metal (controlled upon estimation by sight). Pased upon these tests, a table had been established serving as a practical guide when centrifugally casting water pipes. It establishes the different thicknesses of the wall (given in mm) by the variation of the speed of the pipe spinning machine (given in m/sec) for the distance (given in meter) from the funnel-shaped opening smooth end of the pipe. To achieve this relation in a mechanical way the authors designed a spinning machine with hydraulic control regulating the flow of the liquid metal according to the speed of the pipe spinning machine. There are 6 graphs, 2 diagrams, and 7 tables

Card 2/2

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721710007-6"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721710007-6



8/123/61/000/004/014/027 A004/A10L

AUTHORS:

Bezverkhiy, P. A., and Khakhalin, B. D.

TITLE:

Analysis of the thermal condition of water-cooled metallic molds of

centrifugal pipe casting machines

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 4, 1961, 19, abstract 40146. ("Tr. Ukr. n.-i. trubn. in-ta", 1959, no. 1, 201-217)

TEXT: Based on the successive investigation of the heat transfer conditions from the casting to the mold (metallic mold uniformly water-cooled from the outside) and from the mold to the water, the author derives calculation formulae for the approximate determination of the mold temperature, their variation with time and with the duration of the cycle. Methods of a more accurate analysis are indicated which lead to the calculation of the alternating thickness of mold walls for the balancing of the thermal condition of mold and casting over their length. It is pointed out that the obtained formula and given recommendations can be utilized for an improvement of the technology of centrifugal pipe casting and the design of new machines. There are 9 figures and 3 references.

[Abstractor's note: Complete translation]

Card 1/1

8/123/61/000/012/026/042 A004/A101

AUTHOR:

Khakhalin, B. D.

TITLE:

On the problem of speed distribution in the circular flow of liquid melts in horizontal centrifugal casting

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 12, 1961, 22, abstract 120137 ("Tr. Ukr. n.-1. trubn. in-ta", 1959, no. 2, 147-155)

The author investigated to which extent the conditions of liquid TEXT: metal motion in a mold rotating around a horizontal axis affect the nature and density of the orystalline structure, the mechanical properties and the absence of defects in the castings. The tests were carried out on a simulator where simulating viscous liquids (e.g. mixtures of water and glycerine) were poured in at definite revolution numbers of molds n_m , while the rotation speeds of individual liquid layers n_1 were measured. The author presents a graph (in logarithmic coordinates) of the dependence $\frac{n_m - n_1}{n_m}$ on the similarity criterion $\frac{R_1}{n_m}$ for different ratios at definite "pouring rates and liquid viscosity (vm - mean value of the magnitude of kinematic viscosity; i - time interval since

Card 1/2

POPOV, Andrey Dmitriyevich; SOMINSKIY, Zel'man Abelevich; KHAKHALIN, Boris Dmitriyevich; EL'BERT, Semen Moiseyevich; FILIPPOV, A.S., kand. tekhn. nauk, retsenzent; DUGINA, N.A., tekhn. red.

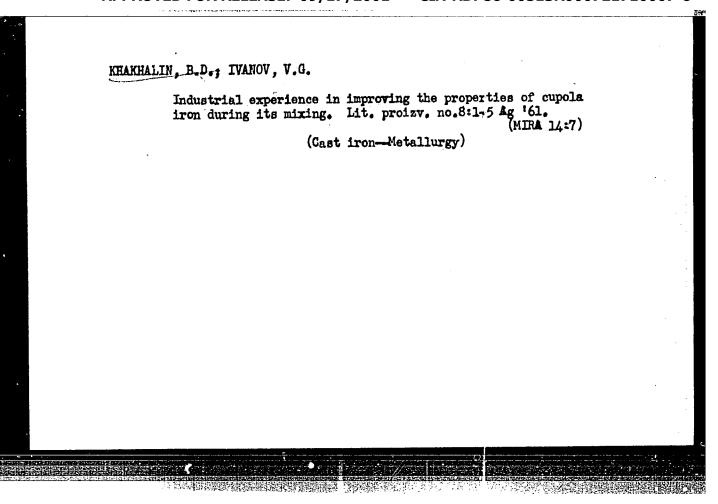
。 1918年6月1日 1月1日 - 1918年 - 19

[Continuous pouring of cast iron] Nepreryvnoe lit'e chuguna. Moskva, Mashgiz, 1961. 110 p. (MIRA 14:11) (Continuous casting)

Chality of the external surface of cast iron water pipes. Lit.
proizv. no.3:6-7 Mr '61. (MIFA 14:6)

(Iron founding-Quality control)

(Fipe, Cast iron)



BORODAYEVSKIY, Ye.T.; DVCSKIN, S.M.; KHAKWALIN, R.D.; IVANOV, V.G.

Use of steel water-cooled chills for the centrifugal casting of pipe. Lit.proizv. no.ll:5-7 N '61. (MIRA 14:10) (Centrifugal casting—Equipment and supplies)

KHAKHALIN, B.D.; SHIYAN, V.G.

Stresses in chills during the centrifugal casting of iron tubes.

Lit.proizv. no.11.26-27 N '61. (MIRA 14:10)

(Centrifugal casting) (Thermal stresses)

KHAKHALIN, B.D.; SPIVAKOVSKIY, L.I.; OSADCHAYA, V.S.; IVANOV, V.G.

Technical and economic indices for the production of steel and cast iron pipe. Lit.proisv. no.9:10-11 3 '62. (MIRA 15:11)

(Pipe) (Founding--Accounting)

KHAKHALIN, B.D., kand. teklin. nauk; SMOLYAKOV, A.N., inzh.; SHIYAN, V.G., inzh.; SEMKO, V.I., inzh.

Improving the process of centrifugal casting of cast-iron pipes. Mashinostroenie no.5:64-68 S-0 '63. (MIRA 16:12)

1. Ukrainskiy nauchno-issledovatel'skiy trubnyy institut.

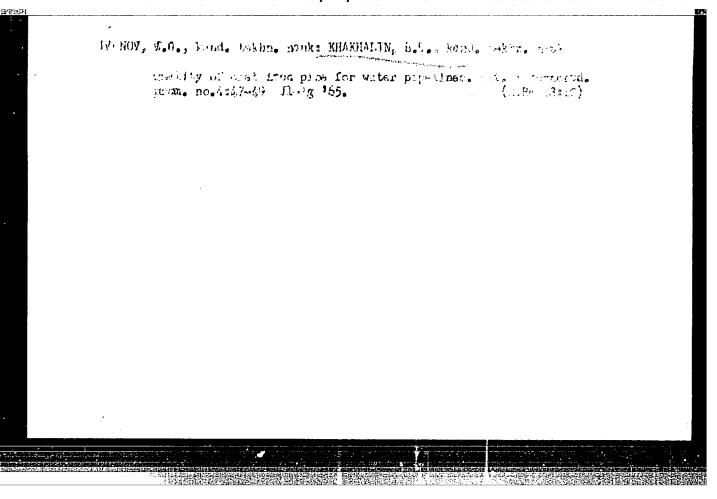
KHAKHALIN, B.D., kand. tekhn. nauk; KHOKHLOV, P.L., inzh.; SHIYAN, V.G., inzh.

Developing the technology of pipe production from high-strength cast iron by the centrifugal method. Proizv. trub no.10:71-75
163. (MIRA 17:10)

IVANOV, Vladislav Grigor'yevich; KHAKHALIN, Boris Dmitriyevich;
SHIYAN, Vladimir Grigor'yevich; NIKOLAYEVSKIY, Yu.I.,
retsenzent

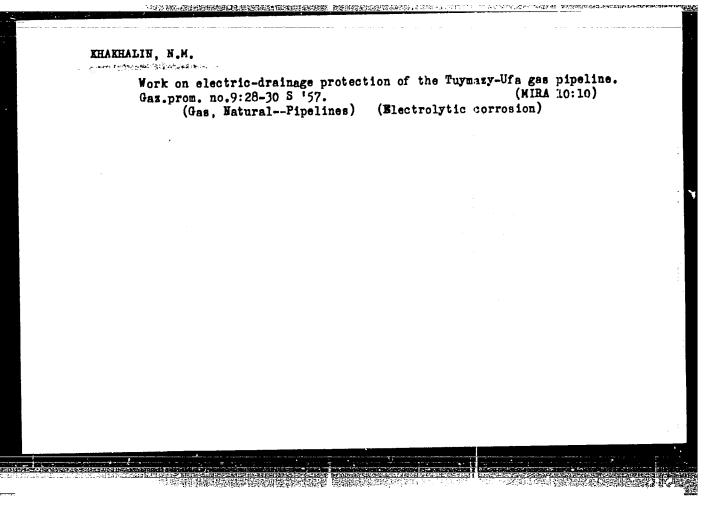
[Steel molds for the centrifugal casting of pipe] Stal'nye
formy dlia tsentrobezhnogo lit'ia trub. Moskva, 1zd-vo
"Estallugiia," 1964. 70 p.

(MIHA 17:7)



KHAKHALIN, Lev Aleksandrovich; GABIS, Ye.N., red.; TIKHONOVA, I.M., tekhn. red.

[Master of the night sky] Khoziain nochnogo meba. Leningrad, Leninzdat, 1961. 101 p. (MIRA 15:4) (Fedorov, Evgenii Petrovich)



VASIL'YEV, Ivan Prokhorovich; KHAKHALIN, Mikolay Sangonovich;
BOCHARIKOVA, K.M., redektof; inzhener, MHIROV, P.A. tekhnicheskiy redaktor.

[Economizing on wood in reparing freight cars] Economiia
lesomaterialov pri remonte vagonov. Moskva, Gos.transp.
zhel-dor.izd-vo, 1955. 93 p.

(Railroads--Freight cars)

(Railroads--Freight cars)

KHAKHALIN. Nikolav Samsonovich; ARSH INOV, I.M., inzhener, redaktor;

VERINA, G.P., tekhnicheskiy redaktor.

[Manual for railroad car inspectors and train masters]

Spravochnik osmotrahchiku vagonov i poezdnomu vagonnomu mastern.

Izd.2-oe, ispr.i dop. Moskva, Gos.transp.shel-dcr.izd-vo, 1957.

351 p. (Railroads--Cars)

(MIRA 10:11)

KHAKHALIN, Nikolay Samsonovich; ARSHINOV, I.M., inzt., red.; VERINA, G.P., tekhn. red.

[Handbook for the railroad car inspector and train car repairmen]
Sprayochnik osmotrahchiku vagonov i poezdnomu vagonnomu masteru.
Izd.3., ispr. i dop. Moskva, Gos.transp.zhel-dor.izd-vo, 1959.
359 p.
(MIRA 12:12)
(Railroads--Cars--Maintenance and rejair)

KHAKHALIN, Nikolay Samsonovich; ARSHINOV, I.M., inzh., red.; VERINA, G.P., tekhn.red.

[Manual for car inspectors] Spravochnik osmotrshchiku vagonov.

Izd.3., ispr. i dop. Moskva, Vses.izdatel'sko-poligr.ob*edinenie

M-va putei soobshcheniia, 1960. 359 p. (MIRA 13:10)

(Railroads--Cars--Maintenance and repair)

How to develop under field conditions. Sov.foto 22 no.10:37 0 162. (MIRA 15:11) (Photography--Developing and developers)

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25(1)

PHASE I BOOK EXPLOITATION

sov/1745

Nauchno-tekhnicheskoye obshchestvo mashinostroitel'noy promyshlennosti. Kiyevskoye oblastnoye upravleniye

Peredovaya tekhnologiya liteynogo proizvodstva (Advanced Technology of Casting Production) Kiyev, Mashgiz, 1958. 152 p. 6,000 copies printed.

Ed.: V. K. Serdyuk; Tech. Ed.: Ya. V. Rudenskiy; Editorial Board: A.Ya. Artamonov, K. I. Vashchenko (Resp.Ed.), S. Sh. Zaslavskiy, and B. V. Polyak; Chief Ed. (Yuzhnoye Division, Mashgiz): V. K. Serdyuk, Engineer.

PURPOSE: This book is intended for engineering personnel of foundries, and workers of scientific research institutions.

COVERAGE: This book is a collection of articles and papers given by representatives of plants, scientific-research institutes, and vuzes on problems of advanced methods of production and mechanization of the foundry industry at a conference organized by the Kiyev o'blast Board of NTO (Scientific Engineering Section) of the machine-building industry and the Institute of Mechanical Engineering of the Academy of Science, Ukrainian SSR. Experience gained in centrifugal

Card 1/6

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Advanced Technology of Casting Production (Cont.)

SOV/1745

pipe precision investment casting, shell—and metal—mold casting, use of materials preventing scorching, quick drying mold mixtures [blends], and problems of mechanization and automation of foundry processes are covered in this book. An article by N.Kh. Ivanov, deals with a new cast iron welding method developed by the author with the assistance of electrowelder G. A. Pirozhenko, and called "cold electratevelding of cast iron by means of a metal electrode with an indirect arc action." As the title indicates, the arc acts only indirectly on the welded metal passing between the electrode and the build—up metal. Such welding insures shallow fusion of the cast iron. The formation of a cementite surface layer is either absent or limited to a very thin layer of not more than 0.2 mm., making for easy mechanical working. No personalities are mentioned. There are no references.

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APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721710007-6"

Advanced Technology of Casting Production (Cont.) SOV/1745

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CIA-RDP86-00513R000721710007-6

8/123/60/000/020/010/019 A005/A001

Translation from: Referativnyy zhurnal, Mashinostroyeniye, 1960, No. 20, p. 194, # 111048

AUTHOR:

Khakhalin, V. D.

TITLE:

Centrispinning of Pipes

PERIODICAL: V sb.: Peredovaya tekhnol. liteym. proiz-va. Kiyev-Moscow, Mashgiz, 1958, pp. 5-15

TEXT: A historical information is given on the centrispinning of pipes; the centrispinning machines are described for casting pipes in sand fettled molds; tables are presented characterizing the economy of the centrispinning of pipes. There are 3 figures.

Translator's note: This is the full translation of the original Russian abstract.

Card 1/1

Name: KHAKHALIN, V.S.

Author of book, "Operation of Power Electron Tubes." The following topics are covered: essential physical processes involved in the operation of power electron tubes, plus the maintenance and construction of power electron tubes. This book is particularly designed for qualified personnel working in this field.

REF: RV FY #15-16, p.96, 1938

**RHAKHALIN, V. S.

"Problem of the Superstructure of Radiosonde Antennas," Works of Sci-Res Institution of the Main Administration of the Hydrometeorological Service USSR, Series III, No 1, 19hb (67-68).

(Meteorologiya i Gidrologiya, No 6 Nov/Dec 19h7)

So: U-3218, 3 Apr 1953

KHAKHALIN, V. S.

"Spring (Elastic) Weights for Ball-Pilots and Radiosonde Shells, Works of Sci-Res
Institution of the Main Administration of the Hydrometeorological Service SSSR, Series III,
No 1, 1946 (68-70).
(Neteorologiya i Gidrologiya, No 6 Nov/Dec 1947)

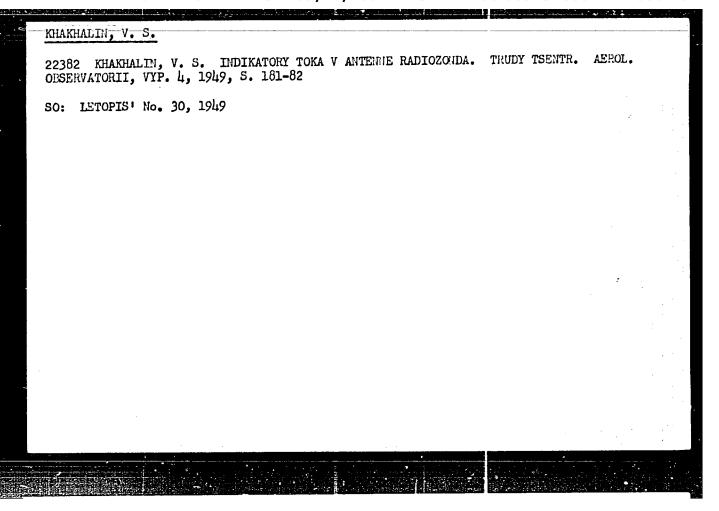
SO: U-3218, 3 Apr 1953

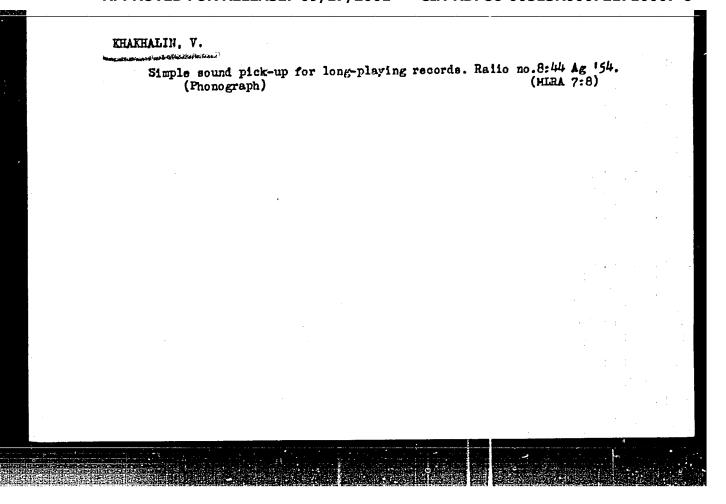
KHAKHALIN, V. S.

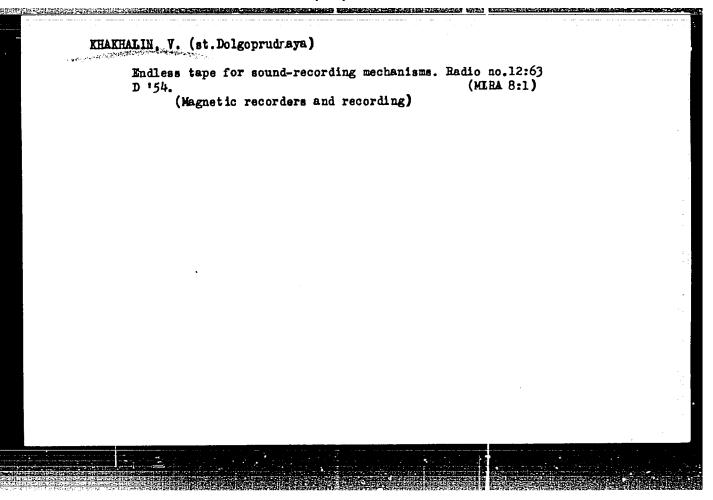
"The RB Radiosonde (From Prize Models)," Works of Sci-Res Institution of the Main Administration of the Hydrometeorological Service USSR, Series III, No 1, 1946 (73-76).

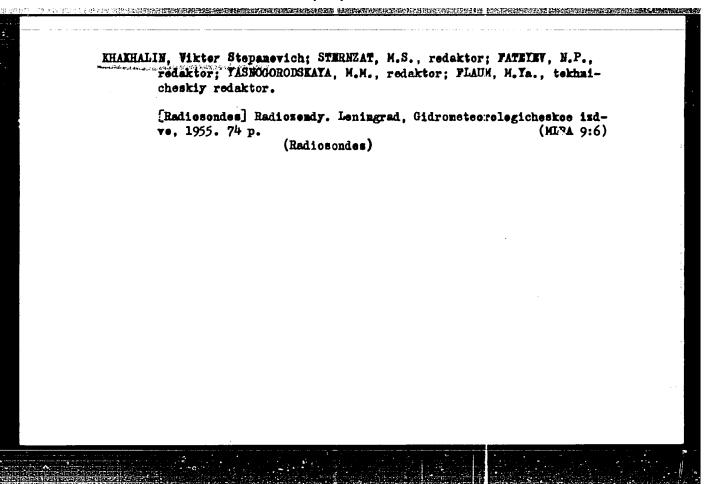
(Meteorologiya i Gidrologiya, No 6 Nov/Dec 1947)

SO: U-3218, 3 Apr 1953









KHAKHALIM, V.S.

Subject

: USSR/Meteorology and Hydrology

AID P - 1876

Card 1/1

Pub. 71-a - 19/26

Author

Title

: Khakhalin, V. S.

USSR - fatherland of radio sounding (25 years of radio sounding of the atmosphere)

Periodical

: Met. i gidro., no.2, 48-51, 1955

Abstract

: A historical review of the growth and development of the use of radio sounding for atmospheric observation. The article mentions that the idea of using radio sounding for meteorological observations was first expressed by professor Molchanov in his brochure
The Air Ocean (1923). The author expresses the hope
that radio sounding and radio location will be developed further for the use of meteorologists.

Institution: None

Submitted

No date

Subject

: USSR/Meteorology

AID P - 2610

Card 1/1 approved for release: 36/17/2001 CIA-RDP86-00513R000721710007-6"

Author

Khakhalin, V. S.

Title

Improving operation of a standard Assmann psychrometer by using cylindrical lenses

Periodical: Met i gidr, 4, 48, J1/Ag 1955

Abstract

The article recommends the use of two convective metal lenses fitted to the psychrometer in order to permit easier reading of the instrument. A drawing of the psychrometer is attached.

Institution: None

Submitted : No date

CHAKHALIN. Viktor Stepenovich, kandidat tekhnicheskikh neuk; KOSTAREV, V.V., otvetstvennyy redsktor; VIASOVA, Yu.V., redsktor; BRAYNINA, M.I., tekhnicheskiky redsktor

[Radio engineering in serology] Radiotekhnika v serologii. Leningred, Gidrometeor. 1957. 263 p. (MIRA 10:7)

(Radiosondes) (Radar meteorology)

SOLOMIN, Viktor Kirillovich; KHAKHALIH, V.S., red.; VORONIN, K.P., tekhn.red.

[Construction of electric munical instruments] Konstruirovanie elektromusykal nykh instrumentov. Moskva. Gos. energ. izd-vo, 1958. 63 p. (Massovala radiobiblioteka, no.310) (MIRA 12:2)

(Musical instruments, Electronic)

3(7),8(1)

AUTHORS:

Leonov, V. S., Bulichev, V. H., Groshev, P. M., Khakhalin, V. S.

SOV/50-59-1-11/20

TITLE:

Restoring Long-Stored Dry Batteries for Fadio Sondes

(Vosstanovleniye dolgo khranivshikhsya sukhikh batarey pitaniya radiozondov)

PERIODICAL:

Meteorologiya i gidrologiya, 1959, Nr 1, pp 49-50 (USSR)

ABSTRACT:

The anode battery GB-70 Nr 2, and the filement battery BON-3, which are used for the transmitter of radio sondes, have a storing period of one year. But often they are stored much longer, 2 to 3 years, and are then useless owing to selfdischarge and drying up of the electrolyte liquid. In spite of this, they should not be discarded. They can be recharged with the rectifier of a radio set or with a car battery while the elements of the battery are supplied with water from an injector (syringe). Such restored batteries are sometimes more efficient than fresh ones which were not treated in this way. The paper gives further details on measuring the chargingcurrent intensity and voltage, as well as controlling the temperature while charging.

Card 1/1

USOL'TSEY, Vladimir Aleksandrovich; KHAKHALIN, V.S., kond.tekhn.nauk, otv.red.;

USHAKOVA, T.V., red.; TLAUM, M.IG., tekhn.red.

[Measurement of atmospheric humidity; methods and instruments]

Izmerenie vlazhnosti vozdukha; metody i pribory. Leningrad,
Gidrometeor.izd-vo, 1959. 181 p.

(Hygrometry)

(Hygrometry)

PHASE I BOOK EXPLOITATION

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Khakhalin, Viktor Stepanovich

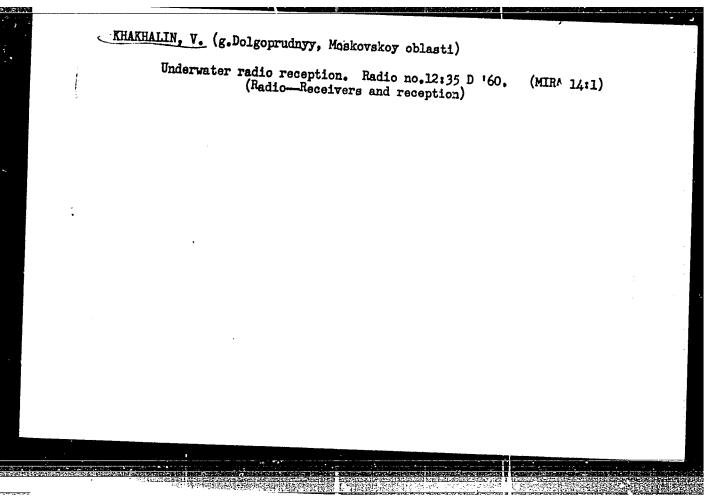
- Sovremennyye radiozondy (Modern Radiosondes) Moscow, Gosenergoizdat, 1959. 61 p. (Series: Massovaya radiobiblioteka, No. 354) 27,000 copies printed.
- Ed.: F. I. Tarasov; Tech. Eds: P. M. Asanov; and G. Ye. Larionov; Editorial Board of Series: A. I. Berg, F. I. Burdeynyy, V. A. Burlyand, V. I. Vaneyev, Ye. N. Genishta, I. S. Dzhigit, A. M. Kanayeva, E. T. Krenkel', A. A. Kuli-kovskiy, A. D. Smirnov, F. I. Tarasov, and V. I. Shamshur.
- PURPOSE: This booklet is intended for radio amateurs and the general reader who is interested in modern engineering.

COVERAGE: The author gives basic information on the atmosphere and methods of its study, and briefly describes the radiosonde. Various telemetering devices used in radiosonde technique are also discussed. Existing types of Soviet and foreign radiosondes are described. No personalities are mentioned. There are no references.

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APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721710007-6"

3(7)

AUTHORS:

Khakhalin, V. S., Pobiyakho, V. A.

S/050/60/000/02/010/016 B007/B005

TITLE:

30 Years of Radiosondes w

3.14世代研究院第四届民国的基础联合的基础的

PERIODICAL:

Meteorologiya i gidrologiya, 1960, Nr 2, pp 45-47 (USSR)

ABSTRACT:

The first radiosonde was started in January 1930 by the Pavlovskaya (Slutskaya) aerologicheskaya observatoriya CGO (Pavlovsk (Slutsk) Aerological Observatory of the GGO) near Leningrad. It was produced by a collective under the direction of Professor P. A. Molchanov. The different systems of radiosondes were compared on an international level in Switzerland in 1950 and 1956. The technical characteristics of radiosondes are pointed out here. Due to the development of radioelectronics, it was possible to work out systems of radiosondes with a combined transmitter and receiver, as well as an automatic receiver on the ground, and computers for the evaluation of results. The radiosonde envelope was improved by treatment with hydrocarbon vapors permitting greater altitudes. At present, these balloons climb up to 20-22 km. Air traffic, however, demands reports from altitudes of up to 35 km attained by radiosondes only rarely. Some hints to further improvements of radiosondes are

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30 Years of Radiosondes

S/050/60/000/02/010/016 B007/B005

given here. To increase the climbing speed (beyond 400-450 m/min) it is recommended to feed the radiosonde from a ground "feeding" source. Up to now, there are no examples of such a use of ground sources, but in principle such a system is well possible. With the increase in climbing power, the time required for evaluating the radiosonde signals also increases. To solve this problem thoroughly, it is recommended to work out new high-speed radiosondes with inertialess transmitters. For a quicker evaluation of data, it is convenient to use automatic computers. With an increase in the height of rise, the method of determining the pressure must be thoroughly improved too. It is recommended to determine the altitude of the radiosonde by the principle of aircraft altimeters. It is pointed out that up to date no radiation method has been found to determine the atmospheric moisture. Reserve canals for remote measurement in the radiosonde, and transmitters corresponding to these canals must also be developed.

ACCESSION NR: AT4038812

S/2778/63/000/011/0067/0075

AUTHOR: Varzhenevskiy, N. S.; Khakhalin, V. S.

TITLE: The PK3-1A radiosonde humidity transducer

SOURCE: Leningrad. Nauchno-issledovatel'skiy institut gidro-meteorologicheskogo priborostroyeniya. Trudy*, no. 11, 1963,

TOPIC TAGS: hygrometer transducer, PK3-1A radiosonde, radiosonde humidity transducer, organic diaphragm transducer

ABSTRACT: A new organic membrane-type hygrometer has been developed at the Scientific Research Institute for Hydrometeorological Instrument Design (NII GMP) in cooperation with the Central Aerological Observatory (TsAO) and the Sverdlovsk Plant of Hydrometeorological Instrument Design, to be used with PK3-1A radio-sondes. Two models were built: one with a helical return spring, and the other with a torsion spring. The transducer consists of

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ACCESSION NR: AT4038812

an organic membrane in the form of a truncated cone (serous membrane of bovine appendix) which expands and contracts by 3.5% with humidity changes of from 0 to 100%. Changes in the membrane are transmitted to a rheostat which converts them into humidity readings. This unit has the following parameters: range of humidity measurements from 10% to 100% at temperatures ranging from -60° to +35°; measurement accuracy of \$5% at above-zero temperatures, and ±10% at temperatures below -30; instrument lag of 10-12 sec; operationally stable at accelerations not exceeding 2 G's; the weight of unit, not in excess of 50 grams. The instrument lag can be reduced by providing forced ventilation to the sensor. Two units carried aloft by PK3-1A and A-22-III radiosondes were tested in 1961 at the Central Aerological Observatory. The readout differences between the two units amounted to 4% with occasional differences of up to 17% which probably could be attributed to transmission errors and poor synchronization.

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MAKLAKOV, Afanasiy Fedorovich; KHAKHALIN, Vasiliy Stepanovich; BELEN KAYA, L.L., red.

[Modern techniques of studying the atmosphere; radio-sondes, rockets, artificial earth satellites] Sovremennaia tekhnika issledovaniia atmosfery; radiozondy, rakety, iskusstvenrye sputniki Zemli. Leningrad, Gidrometeoizdat, 1964. 129 p. (MIRA 17:12)

VARZHENEVSKIY, N.3.; KHAKHALIN, V.S.

Humidity transducer of the RKZ-1A radiosonds. Trudy NIICMP no.11:67-75 (MIRA 18:1)

	as most efficient me cast-iron pipes. Ce sand-lined molds is small-diam water pip	USSR/Metals - Cast Iron Methods		Reviews all existing centricasting pipes and attempts expedient technological proall-metal intensively cools	"Litey Proizvod" No	"Production-Economic Indexes of Ca Iron Pipes by Centrifugal Method." Khakhalina, Cand Econ Sci, Dneprop Metallurgical Inst	USSR/Metals - Cast Iron Methods	
	method for mass production Centrifugal casting into is adaptable for fabricating pipes and thin-walled sewers	Iron, Casting, thods (Contd)		pts to sing: process. (process. (poled molds	11, pp 7-9	Indexes of Casting Cast fugal Method." A. N. n Sci; Dnepropetrovsk	Iron, Casting, thods	
198178	production of sing into fabricating alled sewers.	Моч 51	198178	methods for gle out most Casting into		ng Cast- . N. ovsk	Nov 51	:

KHAKHALINA, A. N.; IVANOVA, L. G.

Effect of silicon and sulfur content in converter iron on the economics of blast furnace practice. Izv. vys.ucheb.zav.; chern. met.7 no. 4:191-196 *64. (MIRA 17:5)

KHAKHALINA, A.N.; IVANOVA, L.G.

Substitutes of open-hearth iron ore and their comparative economic evaluation. Isv. ys. ucheb. zav.; chern. met. no.10: 191-196 '60. (MIRA 13:11)

1. Dnepropetrovskiy metallurgicheskiy institut. (Open-hearth process) (Sintering)

BRYUKHANENKO, B.A., dotsent, kand. ekonom. nauk; BEN', T.G.;
GERSHTENKERN, S.Ya.; KAGAN, I.S.; PRAVDIN, M.V.; STOGNIY, A.F.;
KHAKHALINA, A.N.; CHERNIKHOV, V.S.; KOBYLYAKOV, I.I., dotsent,
kand. ekonom. nauk; SHIRYAYEV, P.A., kand. ekonom. nauk

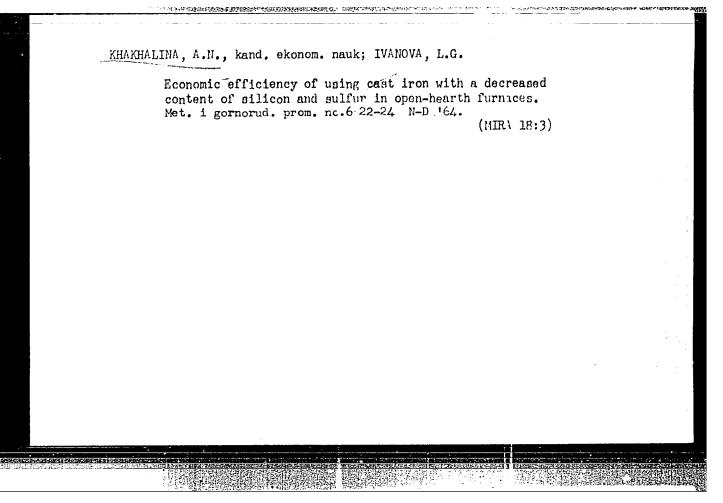
"Economic aspects of ferrous metallurgy" by N.P. Bannyi, V.B. Brodskii, IA.A. Oblomskii, V.V. Rikman, L.N. Roitburd. Reviewed by B.A. Briukhanenko and others. Stal! 22 no.6: 562-565 Je '62. (MIRA 16:7)

1. Dnepropetrovskiy metallurgicheskiy institut (for Ben¹, Gershtenkern, Kagan, Pravdin, Stogniy, Khakhalina, Chernikhov).
2. Dneprodzerzhinskiy metallurgicheskiy zavod-vtuz (for Kobylyakov).

(Iron industry) (Steel industry) (Brodskli, V.B.) (Oblomskii, IA.A.) (Rikman, V.V.) (Roitburd, L.N.)

KHAKHALINA, Anastasiya Nikolayevna; BEL'GOL'SKIY, Boris Petrovich; SHIRYAYEV, P.A., red.; LEVIT, Ye.I., red.izd-va; KARASEV, A.I., tekhn. red.

[Economics, organization and planning of steal production in open-hearth furnaces] Ekonomika, organizatsiia i planirovanie martenovskogo proizvodstva stali. Moskva, Metallurgizdat, 1964. 199 p. (MIRA 17:4)



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KHAKHALINA, A.N., dotsent, kaud. ekonom. nauk: IVaNeWa, 1.6., inzb.

Investigating the effect of the chemical composition of basic pig iron on the technical and economic indices of blast furnace and open-hearth smelting by the multiple correlation method. Stul * 24 no.9:852-855 S * 104. (MIRA 17:10)

1. Dnepropetrovskiy metallurgicheskiy institut.

TYNALIYEVA. T.A.: KHAKHALINA, I.M.

Discovery of dysentery microbes in swimming pools of the "Jabor Reserves" Stadium in Frunze. Sov.zdrav.Kir. no.2:50-51 Mr-Ap '58. (MIRA 12:12)

1. Iz Kirgizskogo nauchno-issledovatel skogo instituta epidemiologii, mikrobiologii i gigiyeny (dir. - kand.med.nauk V.M. Perelygin).

(FRUNZE--SWIMMING POOLS--HYGIENIC ASPECTS)

(DYSENTERY)

KHAKHALINA, I.M.

Hygienic problems of the climate and microclimate of Frunze; report No.1. Sov. zdrav. Kir. no.2:44-49 Mr-Ap '62. (MLEA 15:5)

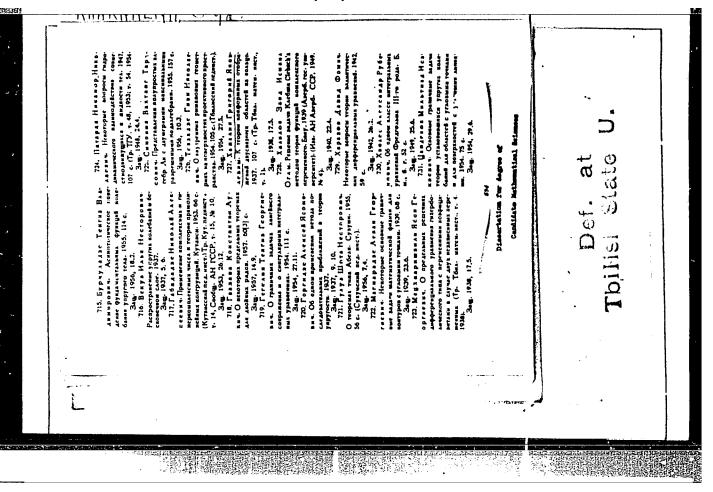
l. Iz Kirgizskogo instituta epidemiologii, mikrobiologii i gigiyeny (direktor - kand.med.nauk V.M.Perelygin).

(FRUNZE--CLIMATE)

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PAVLOV, V.V.; Kilkentikin., 1.8.

Lipplication of endoteschest anosthesis. Adrav. Kezaft. 23 no.4t 10-13 163.

(MIRA 17:5)

1. Jz boltnitay No.3 g. form. Latovski.

KHAKHALOV, S. P.

7824. KHAKHAIOV, S. P. -- Ferma serebristo-chernykh lisits. Rasskaz zverovoda kolkhoza "put'lenina" chkal. Rayona. Lit. obrabotka A. A. Mironova. Gor'kiy, Kn. izd., 1954. 31s. s ill. 14 sm. (Upr. S.-Kh. Propagandy I nauki. Peredoviki zhivotnovodstva o svoyem opyte). 2.000 Ekz. Bespl.-- Vlozhena s 9-yu drugim. Knigami etoy serii v futlyar s zagl. Serii.- 155-3953/ p 636.934 st(47.37)

SO: Knizhuaya Letopis', Vol. 7, 1955

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AUTHORS:

Tseloval'nikov, I. I., Khakhalov, V. A.

TITLE:

Mechanical characteristics of aged foliated viniplast

PERIODICAL:

Referativnyy zhurnal. Khimiya, no. 17, 1961, 547-548, abstract 171122 (Tr. Buryatsk. zoovet. in-ta, no. 14, 1959,

TEXT: The effect of time and temperature upon the mechanical characteristics of foliated viniplast (FV) was studied by storing fresh FV samples for 32 and 36 months at $\sim 20^{\circ}$ C, and part of them for 36 months at Irkutsk and Ulan-Ude (temperatures were measured between -450 and 300C), without exposing them to direct solar irradiation. As a result of sample tests, it was found that a protracted storage of FV under considerable temperature fluctuations reduces the relative elongation in breaking tests, without appreciably impairing the strength of the material. A comparison of test results obtained from a protracted storage of FV samples at $\sim 20^{\rm o} C$ and under strong temperature fluctuation conditions showed that the mechanical

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Mechanical characteristics of aged ...

characteristics of FV are influenced most by the latter conditions, not by the storing time. [Abstracter's note: Complete translation.]

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